

INFORMATION DISCLOSURE CITATION

PTO-1449

 ATTORNEY'S DKT NO.
001/001 USA (032491-
044)

 APPLICATION NO.
09/456,110

 APPLICANT
Luo, et al.

 FILING DATE
December 7, 1999

 GROUP
3737

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>MJK</i>	2,058,780	10/27/36	Elliot			
	2,077,453	04/20/37	Albright			
	3,425,419	02/04/69	Dato			
	3,460,538	08/12/69	Armstrong			
	4,111,209	09/05/78	Wolvek			
	4,181,132	01/01/80	Parks			
	5,011,468	04/30/91	Lundquist			
	5,059,167	08/22/91	Lundquist			
	5,437,673	08/01/95	Baust			
<i>MJK</i>	5,486,208	01/23/96	Ginsburg			

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Michael J. Hays

DATE CONSIDERED

9/24/01

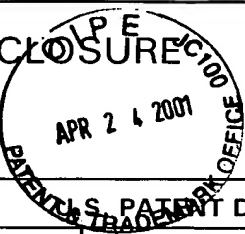
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PATENT DOCUMENTS

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MJH	5,486,204	1/23/96	Clifton			

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MJH	Bruder, et al., (1998), "Influence of body temperature, with or without sedation, on energy expenditure in severe head-injured patients", <i>Crit Care Med</i> 26(3):568-572, Publisher: Department d'Anesthésie-Réanimation (Drs. Bruder, Pellissier, Courtinat, and François), CHU Timone; Hôpital d'Instruction des Armées Lavérin (Dr. Raynal), Marseille, France.					
	DeWitt, et al., (1998), "Accurate measurement of brain temperature", <i>Crit Care Med</i> , 26(3):431-432, Publisher: Department of Anesthesiology, University of Texas Medical Branch, Galveston, TX 77555-0830.					
	Henker, et al. (1998), "Comparison of brain temperature with bladder and rectal temperatures in adults with severe head injury", <i>Neurosurgery</i> , 42(5):1071-1075, Publisher: Department of Acute/Tertiary Care (RAH), School of Nursing, and Department of Neurosurgery (SDB, DWM), School of Medicine, University of Pittsburgh, Pittsburgh, Pennsylvania.					
	Maher and Hachinski, (1993), "Hypothermia as a potential treatment for cerebral ischemia", <i>Cerebrovascular and Brain Metabolism Reviews</i> , 5:277-300, Publisher: Department of Clinical Neurological Sciences, University of Western Ontario, London, Ontario, Canada.					
	Marion, et al., (1997), "Treatment of traumatic brain injury with moderate hypothermia", <i>The New England Journal of Medicine</i> , 336(8):540-546, Publisher: Brain Trauma Research Center, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania.					
MJH	Rumana, et al. (1998), "Brain temperature exceeds systemic temperature in head-injured patients", <i>Crit Care Med</i> , 26(3):562-567, Publisher: Department of Neurosurgery, Baylor College of Medicine, Houston, Texas.					
EXAMINER	Michael J. King			DATE CONSIDERED	9/2/01	

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Application Number	09/456,110
Filing Date	12/07/99
First Named Inventor	LUO, Xia
Group Art Number	3763
Examiner Name	HAYES, Michael J.
Attorney Docket Number	001/001 USA

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICATION

(use as many sheets as necessary)

Sheet 2 of 14

Complete if Known

Application Number	09/456,110
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines. Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
MJA		4,445,886		Osterholm	5/1/84	
		4,470,407		Hussein	9/11/84	
		4,479,798		Parks, Leon C.	10/30/84	
		4,476,867		Parks, Leon C.	10/16/84	
		4,497,324		Sullivan et al.	02/05/85	
		4,512,163		Wells et al.	4/23/85	
		4,522,205		Taylor et al.	06/11/85	
		4,532,414		Shah et al.	07/30/85	
		4,540,402		Aigner	9/10/85	
		4,661,094		Simpson	4/28/87	
		4,672,962		Hershenson	6/16/87	
		4,686,085		Osterholm	8/11/87	
		4,736,748		Nakamura et al.	04/12/88	
		4,745,922		Taylor	5/24/88	
		4,747,826		Sassano, John J.	5/31/1988	
		4,748,979		Hershenson	6/7/88	
		4,750,493		Brader	6/14/88	
		4,754,752		Ginsburg et al.	7/5/88	
		4,759,349		Betz et al.	7/26/88	
		4,772,268		Bates	9/20/88	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Application of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner
Signature

Michael J Hayes

Date
Considered

9/24/01

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICATION (use as many sheets as necessary)				Complete if Known Application Number 09/456,110 Filing Date 12/07/99 First Named Inventor LUO, Xia Group Art Number 3763 Examiner Name HAYES, Michael J. Attorney Docket Number 001/001 USA	
Sheet	3	of	14		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines. Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
WJH		4,796,640		Webler	01/10/89	
		4,804,358		Karcher et al.	2/14/89	
		4,819,655		Webler	04/11/89	
		4,840,617		Osterholm	6/20/89	
		4,841,981		Tanabe, Susumu, et al.	6/27/1989	
		4,857,054		Helfer	8/15/89	
		4,860,744		Johnson et al.	8/29/89	
		4,892,519		Songer et al.	1/9/90	
		4,899,741		Bentley et al.	2/13/90	
		4,909,252		Goldberger	3/20/90	
		4,920,963		Brader	5/1/90	
		4,945,912		Langberg	08/07/90	
		4,955,377		Lewnnnox et al.	09/11/90	
		4,962,761		Golden	10/16/90	
		4,976,691		Sabota	12/11/90	
		4,987,896		Nakamatsu	1/29/94	
		5,004,456		Botterbusch et al.	04/02/91	
		5,004,461		Wilson	4/2/91	
		5,011,468		Lundquist et al.	4/30/91	
WJH		5,019,075		Spears et al.	5/28/91	

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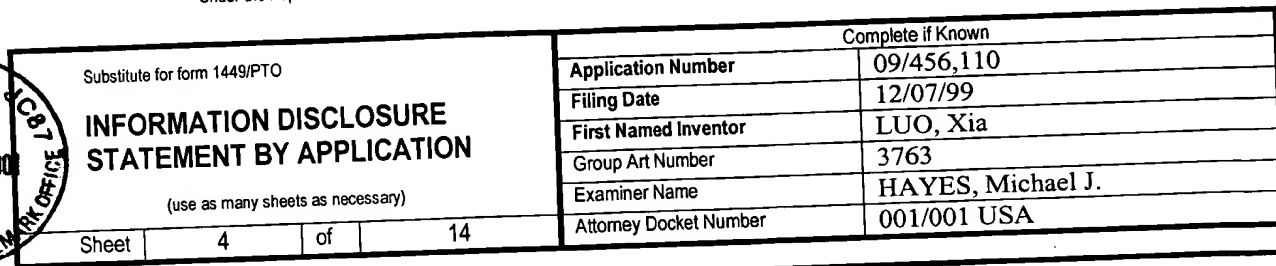
Examiner Signature	<i>Michael J. Hayes</i>	Date Considered	9/24/01
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		Number	Kind Code ² (if known)			
WJH		5,057,105		Malone, David G., et al.	10/15/91	
		5,059,167		Lundquist et al.	10/22/91	
		5,092,841		Spears	3/3/92	
		5,098,429		Sterzer	03/24/92	
		5,147,385		Beck et al.	9/15/92	
		5,149,321		Klatz et al.	9/22/92	
		5,160,828		Olsen	11/03/92	
		5,174,285		Fontenot	12/29/92	
		5,190,540		Lee, Benjamin I.	3/2/1993	
		5,195,962		Martin et al.	3/23/93	
		5,196,024		Barath	3/23/93	
		5,221,270		Parker	06/22/93	
		5,234,405		Klatz et al.	8/10/93	
		5,242,390		Goldrath, Milton H.	9/7/1993	
		5,250,070		Parodi	10/5/93	
	WJH		5,259,839		Burns	11/09/93
		5,261,399		Klatz et al.	11/16/93	
		5,261,411		Hughes	11/16/93	
		5,269,311		Kirchner et al.	12/14/93	
		5,271,410		Wolzinger et al.	12/21/93	

[illegible]

Examiner Signature	<i>Michael J. Hays</i>	Date Considered	9/24/01
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Examiner Signature	<i>Michael J. Lee</i>	Considered	
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				Filing Date	12/07/99
				First Named Inventor	LUO, Xia
				Group Art Number	3763
				Examiner Name	HAYES, Michael J.
Sheet	5	of	14	Attorney Docket Number	001/001 USA

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		Number	Kind Code2 (if known)			
MJS		5,324,260		O'Neill et al.	06/28/94	
		5,342,301		Saab	8/30/94	
		5,344,436		Fontenot et al.	9/6/94	
		5,346,508		Hastings	9/13/94	
		5,354,277		Guzman et al.	10/11/94	
		5,357,954		Shigezawa et al.	10/25/94	
		5,368,591		Lennox et al.	11/29/94	
		5,370,616		Keith et al.	12/06/94	
		5,382,234		Cornelius et al.	01/17/95	
		5,383,856		Bersin	1/24/95	
		5,385,540		Abbott et al.	1/31/95	
		5,395,314		Klatz et al.	3/7/95	
		5,403,281		O'Neill et al.	4/4/95	
		5,411,477		Saab	5/2/95	
		5,433,740		Yamaguchi, Seiji	7/18/1995	
		5,437,637		Lieber et al.	08/01/95	
		5,437,673		Baust et al.	8/1/95	
		5,451,208		Goldrath	09/19/95	
	MJS		5,474,533		Ward et al.	12/12/95
		5,478,309		Sweezer et al.	12/26/95	

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Examiner Signature	Michael J. Hayes	Date Considered	9/24/01
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First Named Inventor	LUO, Xia
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MJS		5,486,204		Clifton	01/23/96	
		5,486,208		Ginsburg	1/23/96	
		5,498,261		Strul	03/12/96	
		5,531,776		Ward et al.	7/2/96	
		5,545,134		Hilaire et al.	08/13/96	
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		5,596,995		Sherman et al.	01/28/97	
		5,607,463		Schwartz et al.	3/4/97	
		5,609,591		Daikuzono	3/11/97	
		5,609,620		Daily	3/11/97	
		5,624,392		Saab	4/29/97	
		5,634,720		Gallup et al.	06/03/97	
		5,655,548		Nelson et al.	8/12/97	
		5,656,420		Chien	8/12/97	
		5,695,457		St. Goar et al.	12/9/97	
		5,700,828		Federowicz et al.	12/23/97	
		5,702,358		Witherspoon, Leland, et al.	12/30/97	
		5,702,435		Maytal	12/30/97	
MJS		5,716,386		Ward et al.	2/10/98	
		5,755,756		Freedman, Jr. et al.	05/26/98	

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Sheet	7	of	14
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17/24		5,758,505		Dobak, III et al.	6/2/98		
		5,787,715		Dobak, III et al.	8/4/98		
		5,797,869		Martin et al.	8/25/98		
		5,797,948		Dunham	08/25/88		
		5,800,375		Sweezer et al.	09/01/98		
		5,807,395		Mulier et al.	9/15/98		
		5,833,624		Rom et al.	11/10/98		
		5,833,688		Sieben et al.	11/10/98		
		5,868,735		Lafontaine	02/09/99		
		5,871,481		Kannenberg et al.	02/16/99		
		5,871,526		Gibbs et al.	2/16/99		
		5,902,299		Jayaraman	05/11/99		
		5,975,081		Hood et al.	11/2/99		
		5,976,152		Regan et al.	11/2/99		
		6,011,995		Guglielmi et la.	01/04/00		
		6,014,589		Farley et al.	01/11/00		
		6,019,783		Philips et al.	02/01/00		
		6,033,383		Ginsburg	3/7/00		
	17/24		6,071,277		Farley et al.	06/06/00	
			6,074,378		Mouri et al.	06/13/00	

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Examiner
Signature

Michael Hayden

Date
Considered

9/24/01

Signature Mitchell J. C. [Signature] Considered ☒ Not Considered ☐

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<i>WJA</i>		6,093,199		Brown et al.	07/25/00	
		6,094,599		Bingham et al.	07/25/00	
		6,110,168		Ginsburg	08/29/00	
		6,126,684		Gobin et al.	10/3/00	
		6,146,411		Noda et al.	11/14/00	
		6,149,670		Worthen et al.	11/21/00	
		6,231,594 B1		Dae	05/15/01	
		09/133,813		Noda et al.	App Pending	
		09/266,452		Evans et al.	App Pending	
		09/282,971		Philips	App Pending	
		09/294,080		Walker et al.	App Pending	
		09/321,350		Walker	App Pending	
		09/349,606		Balding	App Pending	
		09/390,600		Luo et al.	App Pending	
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		09/413,752		Evans et al.	App Pending	
		09/413,753		Evans et al.	App Pending	
		09/427,745		Pham et al.	App Pending	
		09/456,110		Luo et al.	App Pending	
<i>AKA</i>		09/477,490		Lasersohn et al.	App Pending	

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Sheet	9	of	14
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INFORMATION DISCLOSURE
STATEMENT BY APPLICATION

(use as many sheets as necessary)

Sheet 10 of 14

Complete if Known

Application Number	09/456,110
Filing Date	12/07/99
First Named Inventor	LUO, Xia
Group Art Number	3763
Examiner Name	HAYES, Michael J.
Attorney Docket Number	001/001 USA



OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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MJH		BERNARD, S., Induced Hypothermia in Intensive Care Medicine, <i>Anaesth. Intensive Care</i> , 1996 Jun, 24(3):382-388	
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MJH		HENKER ET AL., Comparison of brain temperature with bladder and rectal temperatures in adults with severe head injuries, <i>Neurosurgery</i> , 1998 May, 42(5):1071-1075	

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		First Named Inventor	LUO, Xia
		Group Art Number	3763
		Examiner Name	HAYES, Michael J.
		Attorney Docket Number	001/001 USA
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MSH		JENKINS ET AL., Postbypass Hypothermia and its Relationship to the Energy Balance of Cardiopulmonary Bypass, <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1991 Apr, 5(2):135-138	
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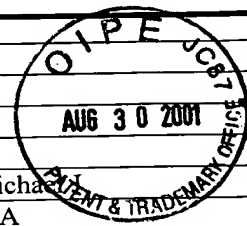
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WJH		MARION ET AL., Treatment of traumatic brain injury with moderate hypothermia, <i>The New England Journal of Medicine</i> , 1997 Feb, 336(8):540-546	
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WJH		SAFAR, P., Cerebral Resuscitation After Cardiac Arrest: Research Initiatives and Future Directions, <i>Annals of Emergency Medicine</i> , 1993 Feb, 22(2 Pt 2):324-349	

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MAH		SAFAR, P., Resuscitation after global brain ischemia-anoxia, <i>Critical Care Medicine</i> , 1978 Jul-Aug, 6(4):215-227	
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MAH		TEOH ET AL., Accelerated myocardial metabolic recovery with terminal warm blood cardioplegia, <i>Journal of Thoracic Cardiovascular Surgery</i> , 1986 Jun, 91(6):888-895	

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